

# INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/AU2004/001304**

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: E03C 1/10, E03D 1/32, F16K 31/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPAT: 1. IPC E03C 1/10 & keywords: cistern, valve, and similar terms  
2. IPC E03D 1/30, 1/32, E03F 7/04 & keywords: anti-siphon, pressure break, air gap and like terms  
3. IPC F16K 31/- & keywords: anti-siphon, pressure break, air gap, float and like terms  
4. Keywords: cistern, valve, float, anti-siphon, pressure break, air gap and like terms

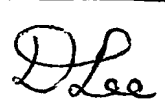
ESP@CE: 1. E03C 1/10 & keyword float  
2. Keywords: valve, float, snap, pivot

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3970101 A (Wilson) 20 July 1976 Especially figure 1, column 3, lines 13-27, 38-55	1-19, 21
X	US 2766769 A (Carnahan) 16 October 1956 Especially figure 1, column 3, lines 51-61	1-2, 4-15, 17-19, 21
Y		3, 16, 20
X	US 2671469 A (Carnahan) 9 March 1954 Especially figure 1	1-2, 4-15, 17-19, 21
Y		3, 16, 20

☒ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search <b>7 December 2004</b>	Date of mailing of the international search report <b>15 DEC 2004</b>
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929	Authorized officer  <b>DAVID LEE</b> Telephone No : (02) 6283 2107  for AS

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5551466 A (De PIERI) 3 September 1996 Especially figure 3-5, column 4, lines 46-61	1-2, 4-9, 13-15, 17-19, 21
Y		3, 16
Y	US 5836346 A (NICHOLS-ROY) 17 November 1998 See figure 2-3	3, 16
Y	GB 742391 A (CARMALT) 30 December 1955 See figures	20
A	US 1279468 A (SMITH) 17 September 1918 Whole document, especially figure 2	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001304

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
US	3970101						
US	2766769						
US	2671469						
US	5551466	AU	72899/94	BR	9403775	CA	2132139
		CN	1106115	EP	0645570	FI	944130
		IL	111010	IN	181895	JP	7174250
		NO	943351	NZ	264463	PH	30643
		SG	46220	TR	28565	ZA	9407250
US	5836346	AU	46464/97	CA	2266952	EP	0929722
		US	5715859	US	5975125	US	6003541
		US	6142174	WO	9814669		
GB	742391						
US	1279468						
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							